

HAZARDOUS MATERIALS DATA SHEET  
(PLEASE COMPLETE APPLICABLE SECTIONS)

DPM 518

1. PRODUCT NAME, NUMBER, SYNONYM: Gulf Stoddard Solvent
2. MANUFACTURER'S NAME: Gulf Oil Co. - U. S.
3. MANUFACTURER'S ADDRESS: 712 Main Street, Houston, Texas 77002
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Eliminate all sources of ignition. Avoid massive vapor or skin exposure. Absorb and evaporate or controlled burning.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Methods generally advocated for handling and storing of flammable hydrocarbons.
6. FIRST AID TREATMENT:
  - A. SKIN CONTACT: Remove by wiping, follow by washing with soap and water.
  - B. EYE CONTACT: Wash with copious amounts of water.
  - C. INHALATION: Remove from exposure. Administer artificial respiration or oxygen if necessary.
  - D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting. Administer olive oil or vegetable oil to retard absorption. Seek medical attention.
7. PHYSIOLOGICAL PROPERTIES:
  - A. ACUTE ORAL TOXICITY: > 5 gr./kg LD/50
  - B. LOCAL EFFECTS UPON EYES: Minor transient irritation.
  - C. LOCAL EFFECTS UPON SKIN: Dermatitis may result from prolonged and repeated skin exposure.
  - D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Generally nominal due to low vapor pressure.
  - E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Odor
  - F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): 200 ppm 1150 mg/m<sup>3</sup>
8. CHEMICAL AND PHYSICAL PROPERTIES:
  - A. SPECIFIC GRAVITY (WATER = 1) 60/60°F 0.792
  - B. VAPOR DENSITY (AIR = 1) 4.9
  - C. VAPOR PRESSURE mm Hg AT 25°C. 2
  - D. pH \_\_\_\_\_
  - E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Negligible

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

Hydrocarbon Mixture

<u>COMPOUND</u>	<u>PERCENT</u>
<u>Paraffins</u>	<u>Over 40%</u>
<u>Olefins</u>	<u>Less than 2%</u>
<u>Napthenes</u>	<u>20-40%</u>
<u>Aromatics</u>	<u>Less than 25%</u>
<u>(In effect Stoddard Solvent 100%)</u>	

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid excessive vapor or skin exposure.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Neoprene or butyl rubber protective gloves.

11. A. FLASHPOINT °F: CLOSED CUP 110<sup>0</sup> F; OPEN CUP \_\_\_\_\_; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: \_\_\_\_\_

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER 1.1; UPPER 6.0

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES \_\_\_\_\_; NO x

D. FIRE POINT °F \_\_\_\_\_; AUTO IGNITION TEMPERATURE °F 450<sup>0</sup> F

E. VAPOR DENSITY 4.9

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Water, CO<sub>2</sub>

G. SUITABLE EXTINGUISHING AGENTS: Foam, CO<sub>2</sub>, Dry Chemical, steam, halon 1301

12. INFORMATION FURNISHED BY: H. E. Runion

TITLE: Director Industrial Hygiene

COMPANY: Gulf Oil Corporation

ADDRESS: P. O. Box 608  
San Diego, California 92112

DATE: November 29, 1971

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.

# Gulf Oil Corporation

MEDICAL DEPARTMENT

F. D. Gassaway, M. D.  
MEDICAL DIRECTOR  
PITTSBURGH, PA.  
H. E. Runion  
DIRECTOR OF INDUSTRIAL HYGIENE

P. O. Box 608  
San Diego, Calif. 92112

Nov. 30. 1971

Douglas Aircraft Company  
3855 Lakewood Blvd.  
Long Beach, Calif.

Dear Mr. Wildanger:

Your letter of November 15, 1971 to Gulf Oil Corp., Houston was submitted to me for handling. In accordance with your request I have completed the Materials Data Sheet and it is herewith attached.

I hope the information supplied meets your needs.

Sincerely,

H. E. Runion

by J. Kilbride



TELEPHONE: AREA CODE 714, 453-1000

BOE-C6-0209024